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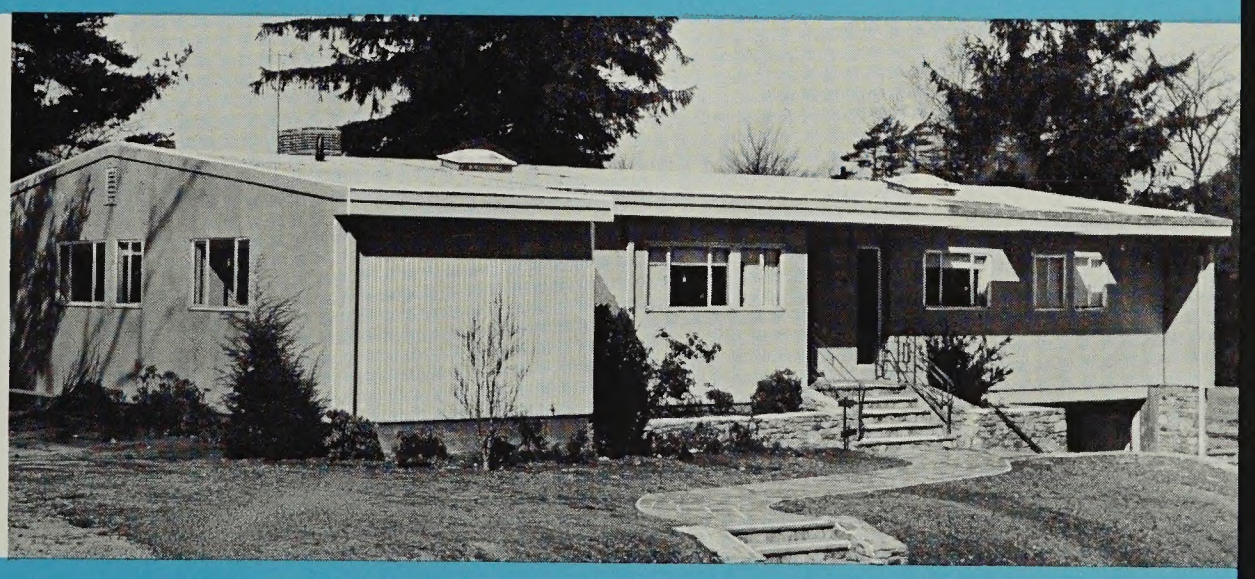
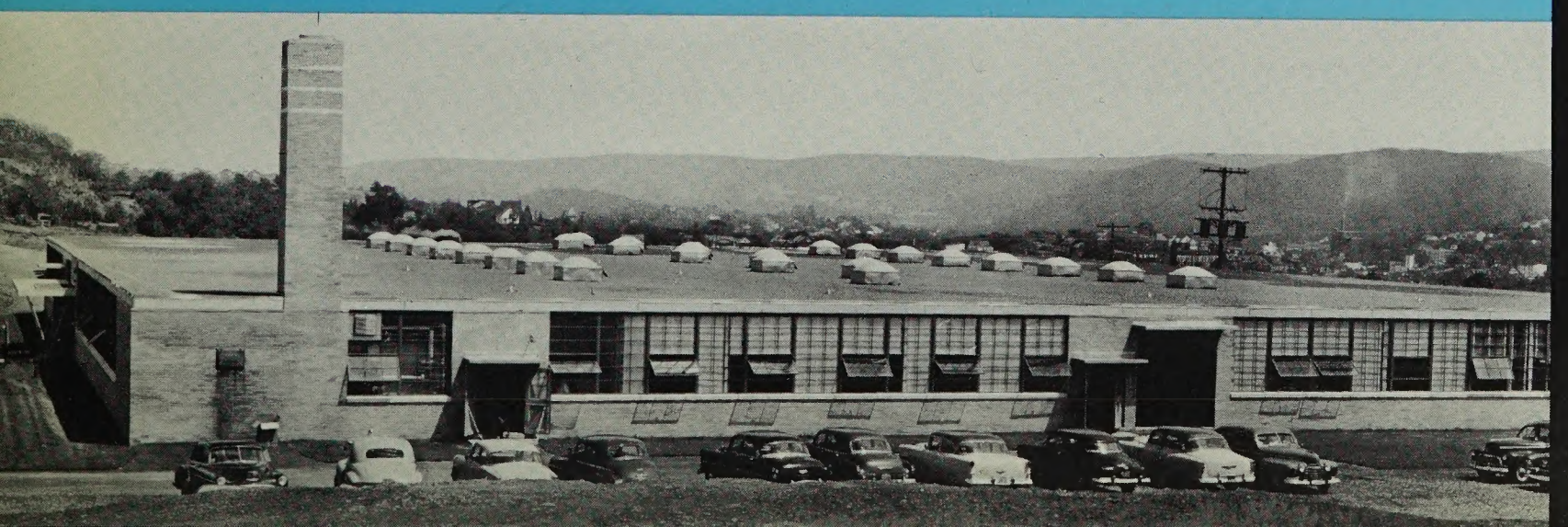
wascolite skydomes®

FOR SCHOOLS • HOMES • INDUSTRY

WASCO
PRODUCTS, INC.





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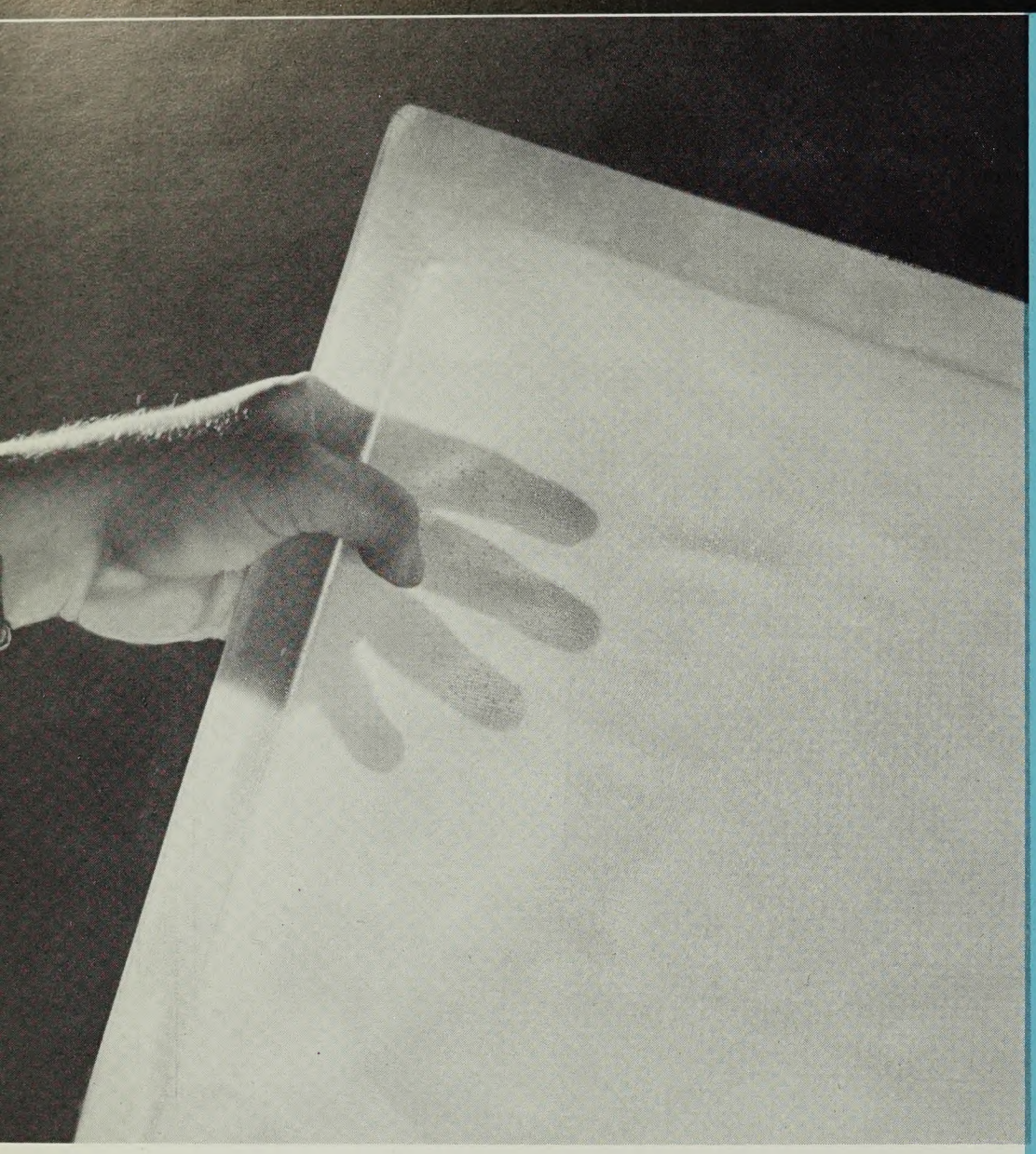
the NEW wasco
STANDARD LINE
for DAYLIGHTING...

sealed

FEATURING EMBEDDED REFLECTIVE FABRIC



REFLECTADOME®
a wasco exclusive

Designed and developed by Wasco, Reflectadome features a crinkled reflective fabric embedded (not laminated) in cast acrylic plastic. It transmits the *usable* white light while screening out the undesirable heat-producing components of daylight.

REFLECTS 80% OF SOLAR HEAT

80% of solar heat striking the Reflectadome is reflected, yet 40% of usable white light is transmitted to the interior. This heat reduction, 33% better than the best white translucent dome, is of major importance in computing air conditioning equipment requirements.

OPTIMUM LIGHT TRANSMISSION

Reflectadome provides very nearly the *ideal* flat light transmission curve . . . a no-glare, controlled light level ratio of 1 to 2 *all day long*. The variance in light intensity on the lower surface of a Reflectadome is 50% less than the variance on the lower surface of any white translucent dome.

GREATEST WEATHER RESISTANCE

Time and use have proved *cast acrylic sheet* to have better weathering properties than any other type of plastic. Wasco casts its own . . . that's *Acrylite*. Although the reflective fabric embedded in Acrylite is crinkled for greater heat-reflection, the surface of the dome remains glossy-smooth. Thus, Reflectadome is self-cleaning, reducing maintenance to a minimum.

Reflectadome may be specified for any type or size Wascolite Skydome. Use specification below.

reflectadome specifications

Daylight-transmitting material shall be a solar-heat-reducing acrylic as manufactured by Wasco Products. Reflective fabric shall be an integral embedment (not a lamination) which transmits heat and light in a ratio of not less than 1 to 2. The plastic shall evenly diffuse the light over its under surface when sun angles are from 10° to the zenith.

Wasco Engineering Service

Wasco's Engineering Service Division will prepare complete daylighting and fire venting studies for any type of building . . . without cost or obligation.

For daylighting studies, send floor plans, illumination requirements and other pertinent data. For fire venting studies, send floor plans, roof details, type and amount of material occupancy and other pertinent data. Address requests to:

WASCO ENGINEERING SERVICE
Bay State Road
Cambridge 38, Massachusetts

Protected under one or more of the following: Pat. Nos. 2610593, 2693156, 2780283, 2790400, U. S. and Foreign Pat. Pending.

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wascolite
skydomes

double domes

FOR MAXIMUM HEAT INSULATION

The new standard Wascolite unit is the *Sealed Double Dome*, an all-acrylic-plastic dome unit—with an outer dome chemically welded to a glass-fiber reinforced acrylic sheet base.

EFFECTIVE THERMAL INSULATION

Integral dead air space between the outer acrylic dome and the glass-fiber reinforced acrylic sheet base provides an effective buffer against conducted solar heat. With reflective fabric embedment in the outer dome, this gives the most effective light-transmitting heat barrier yet developed.

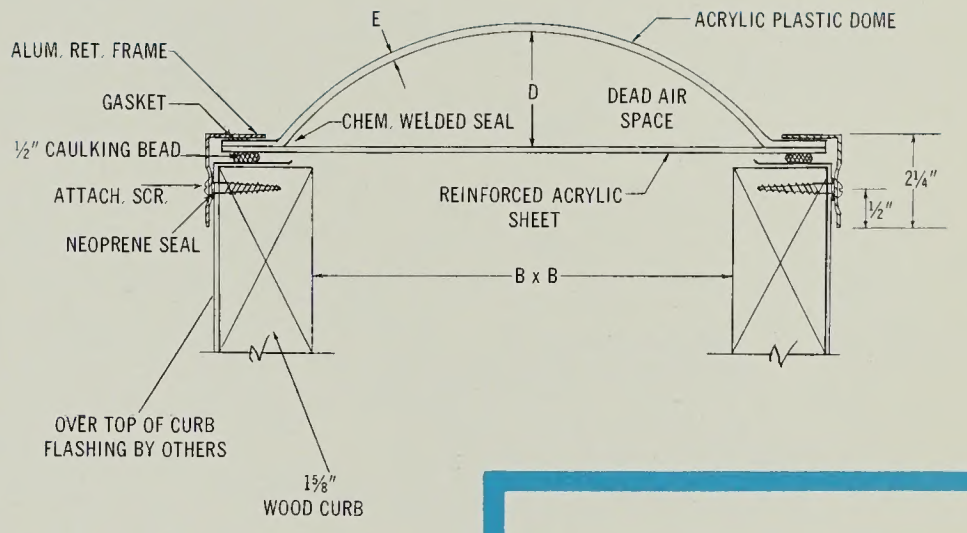
FASTER, LESS EXPENSIVE INSTALLATION

Condensation is completely eliminated. A new and simpler frame design saves time and expense in installation, yet provides a year-'round, weather-tight seal. In addition, the pleasing low silhouette blends with all architectural designs.

LIFETIME DURABILITY

Offering extra structural strength, acrylic Sealed Double Domes also eliminate maintenance. Acrylic plastic will not deteriorate, and its glossy surface will never weather.

Shown with reflective fabric embedment in outer dome. Also available with clear, or white translucent outer dome.



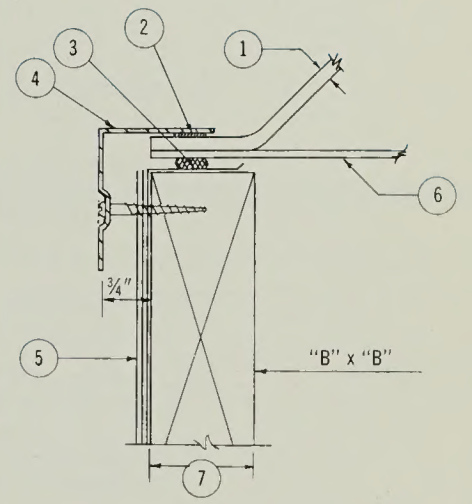
Dimensions in Inches

Catalog No.	B B	D	E
SS2020	14¼ x 14¼	5	⅛
SS2424	19 x 19	5¼	⅛
SS2828	22¼ x 22¼	7	3/16
SS3636	30¼ x 30¼	8	3/16
SS4242	37 x 37	10	3/16
SS5252	46¼ x 46¼	12	3/16
SS6060	55 x 55	14	¼
SS8080	75 x 75	18	5/16
SR2028	14¼ x 22¼	5	⅛
SR2052	14¼ x 46¼	7	3/16
SR2852	22¼ x 46¼	7	3/16
SR3296	25½ x 89½	8½	¼
SR3652	30¼ x 46¼	10	3/16
SR3676	30¼ x 69½	10	¼
SR4280	37 x 75	13	¼
SR4364	38 x 59	12	¼
SR6476	57½ x 69½	15½	¼
SR6496	57½ x 89½	16	5/16

NOTE: FOR 4" THICK CURBS
B B dimensions are the same as standard square and rectangular Skydomes, see page 6.

To order, add suffix "C" to catalog number.

Manufacturer's detailed data sheet will be submitted for approval prior to installation.



1. Acrylic dome
2. Gasket
3. ½" caulking bead
4. Aluminum retaining frame
5. Over top of curb flashing — by others
6. Reinforced acrylic sheet
7. 1⅝" wood curb

specifications

a. Plastic skylights shall be factory-assembled units by Wasco Products, consisting of an outer acrylic dome and an inner flat glass-fiber reinforced acrylic sheet cast in one piece. (Glass-fiber reinforcement shall be embedded, not laminated.) Gasket shall be supplied to make the unit tight to the roof curb.

b. The outer acrylic dome shall be chemically welded to the inner flat reinforced acrylic sheet to provide an integral dead air space for thermal insulation.

c. The outer dome shall be formed with . . . . . * acrylic plastic.

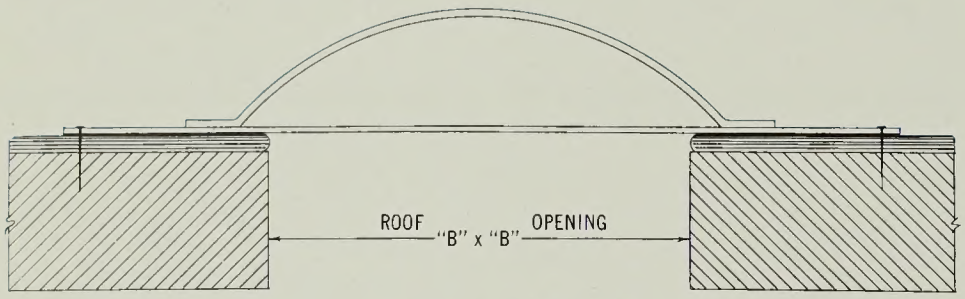
*Fill in either — reflective fabric embedment, clear colorless, or white translucent.

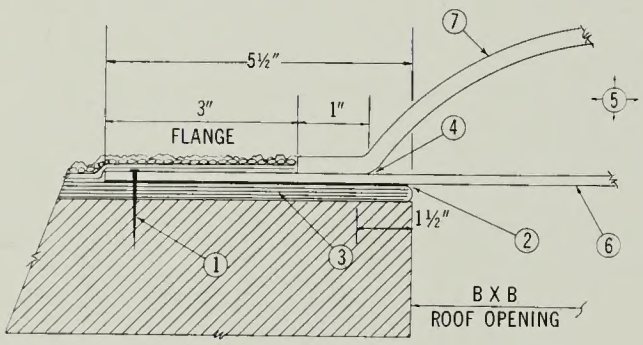
d. Inner acrylic sheet shall be cast with embedded glass fiber for reinforcement and light diffusion.

self-flashing units

Rugged chemically welded *unit* construction means quick, economical installation. 4″ flange is simply nailed to the roof, and roofing built up over it. Sealed-in dead air space provides heat insulation and completely eliminates condensation. With reinforced acrylic base sheet, self-flashing units provide a *low* silhouette, together with optimum heat and light control.

Shown with reflective fabric embedment in outer dome. Also available with clear, or white translucent outer dome.



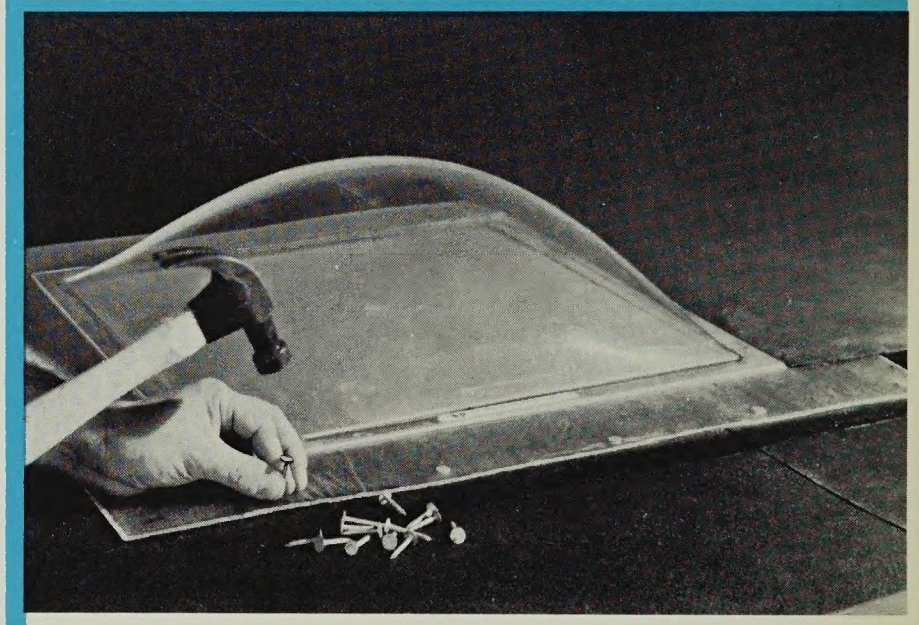


1. Attachment nails 3″ on center — by others
2. Dome set in mastic — by others
3. Built-up roofing — by others
4. Welded joint for perfect seal
5. Dead-air space for thermal insulation
6. Transparent acrylic reinforced with glass-fiber
7. Acrylic plastic as manufactured by Wasco Products

Dimensions in Inches

Catalog No.	B B
SF2020	14¼ x 14¼
SF2424	19 x 19
SF2828	22¼ x 22¼
SF3636	30¼ x 30¼
SF4242	37 x 37
SF5252	46¼ x 46¼
SF6060	55 x 55
SF2028	14¼ x 22¼
SF2052	14¼ x 46¼
SF2852	22¼ x 46¼
SF3296	25½ x 89½
SF3652	30¼ x 46¼
SF3676	30¼ x 69¼
SF4280	37 x 75
SF4364	38 x 59
SF6476	57½ x 69½
SF6496	57½ x 89½

Manufacturer's detailed data sheet will be submitted for approval prior to installation.



specifications

a. Plastic skylights shall be factory fabricated units by Wasco Products and shall consist of an outer acrylic dome chemically bonded at the flange to a glass-fiber reinforced acrylic sheet cast in a single piece. This lower sheet shall be shatter resistant and have a 4″ flange to provide for nailing to the roof deck.

b. The outer dome shall be formed with . . . . . * acrylic plastic.

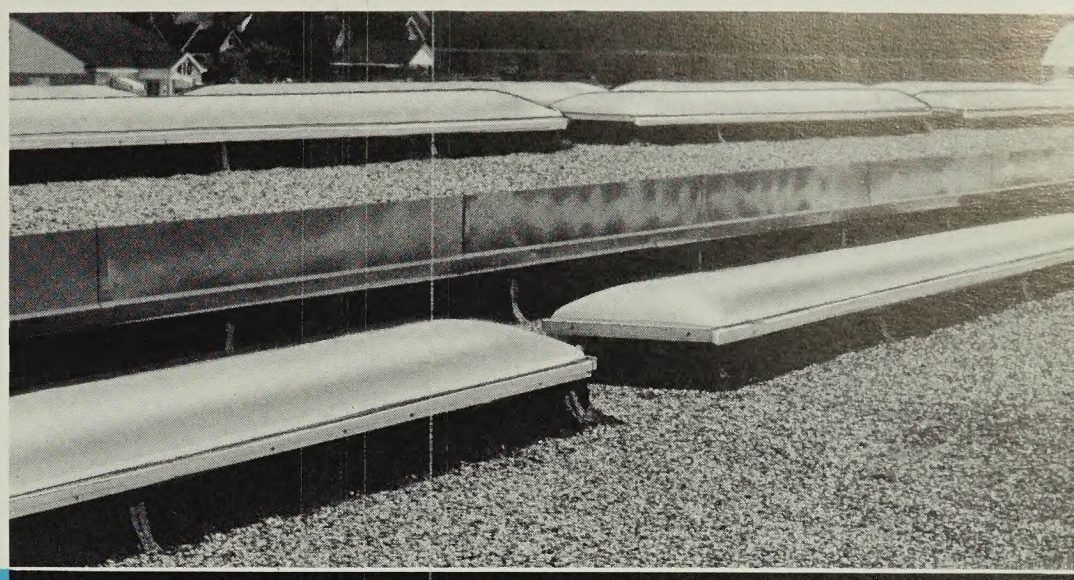
*Fill in either — reflective fabric embedment, clear colorless, or white translucent.

wascolite skydomes

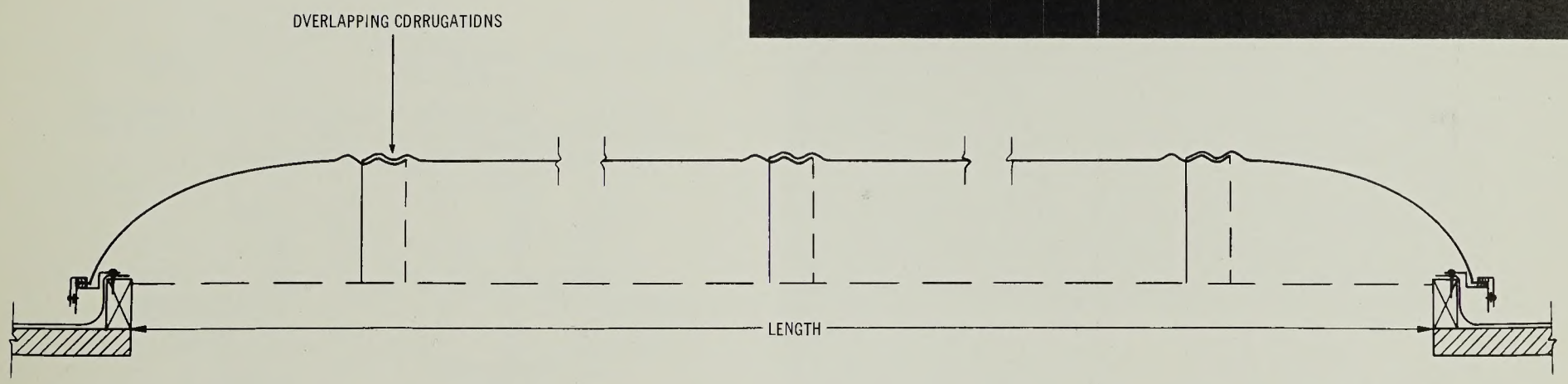
continuous units

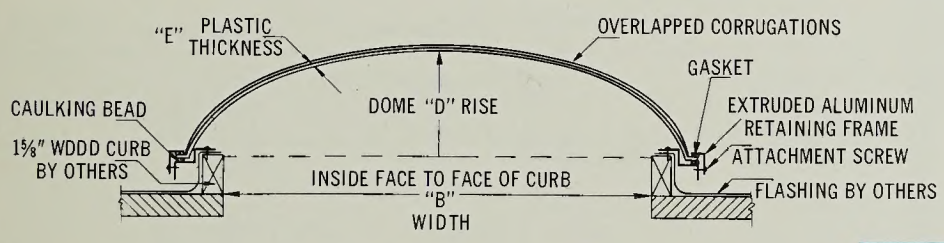
Completely new in the daylighting field, these continuous units allow maximum freedom in architectural design. In widths up to 84″, Wascolite continuous units may be specified in any length, limited only by the design of the building.

Wascolite continuous units are uninterrupted by steel or aluminum ribs or reinforcements, regardless of length. No metal crossmembers to block out light, cast unattractive shadows or in other ways spoil the total visual effect. The uninterrupted span of translucency is ideal for lending spaciousness to narrow corridors or low-ceilinged areas.



Shown with white translucent dome. Also available in clear colorless, or with reflective fabric embedment.





specifications

a. Plastic continuous skylight shall be prefabricated by Wasco Products and shall consist of acrylic free-formed ends connected by formed oval sections which overlap in a weather resistant joint without the use of metal joiners.

b. The dome flanges shall mount on the roof curb and be secured by an aluminum retaining frame, all according to details.

c. The dome shall be formed with .....* acrylic plastic.

*Fill in either — reflective fabric embedment, clear colorless, or white translucent.

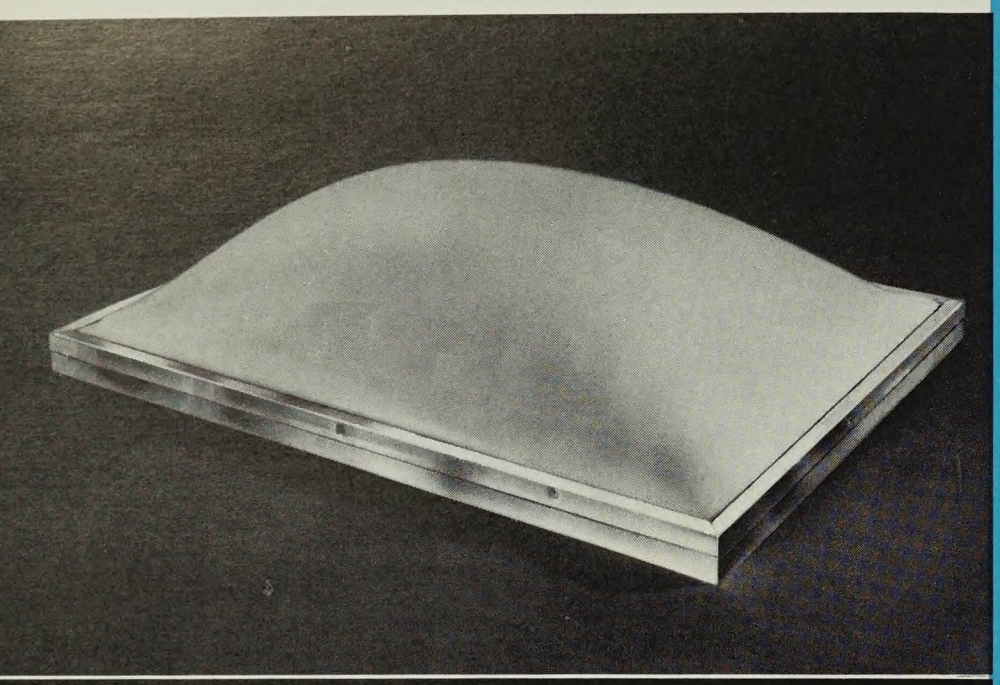
Dimensions in Inches

Catalog No. 1⅝" Curb	B Width	Catalog No. 4" Curb	B Width	D Dome Rise	E Thickness of Plastic
BF24	24			8	⅛
BF36	36	BF36C	31¼	8	⅛
BF48	48	BF48C	43¼	12	3/16
BF60	60	BF60C	55¼	12	3/16
BF72	72	BF72C	67¼	14	¼
BF84	84	BF84C	79¼	14	¼

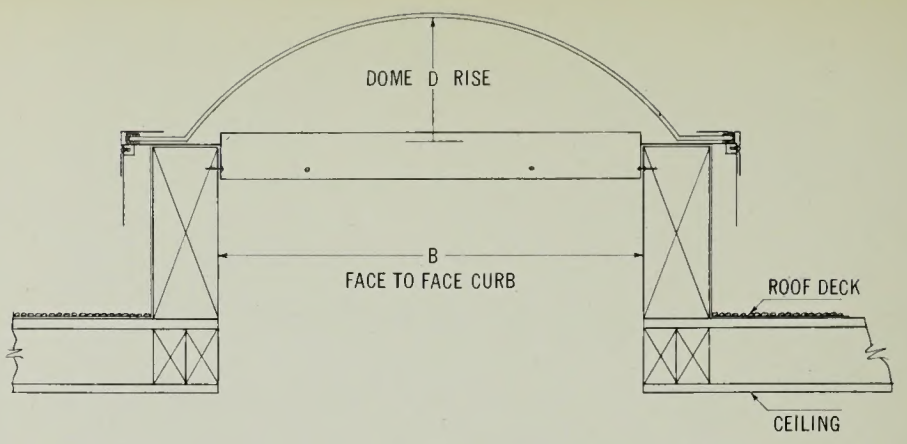
Manufacturer's detailed data sheet will be submitted for approval prior to installation.

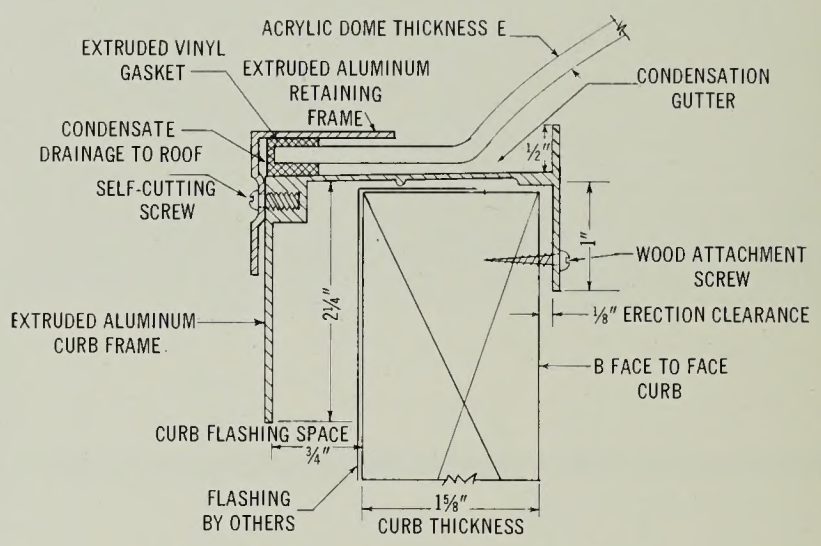
square and rectangular units

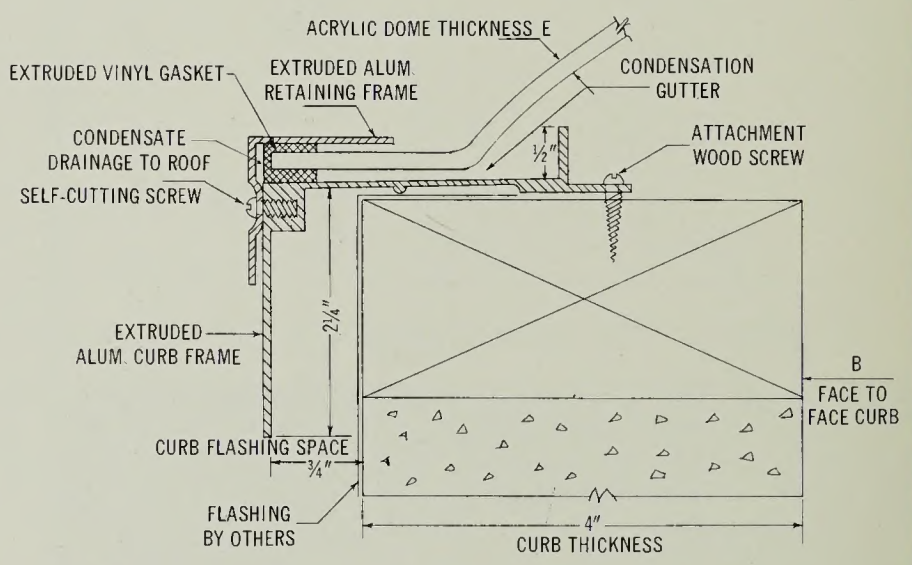
Famous Wascolite Skydomes, with an improved extruded aluminum frame, are available in a wide range of sizes, and a variety of shapes. These units, long the industry standard, incorporate all the refinements in design and manufacture that have resulted from Wasco's unequalled experience in the field of daylighting products.



Shown with white translucent dome. Also available in clear colorless, or with reflective fabric embedment.







specifications

SKYDOMES – 1⅝" CURB

a. Plastic skydomes shall be factory fabricated units by Wasco Products, each consisting of an acrylic free-formed dome of one piece and mounted on an aluminum curb frame which provides condensation and weather drainage to the roof.

b. The one-piece dome shall be formed with..... .....* acrylic plastic.

*Fill in either – reflective fabric embedment, clear colorless, or white translucent.

c. The roof curb (by others) shall be 1⅝" thick and the base flashing (by others) shall extend over top of curb and shall not be pierced in securing the skydome to the curb.

SKYDOMES – 4" CURB

Use specifications "a" and "b" as above. Substitute the following paragraph for "c".

c. The roof curb (by others) shall be 4" thick and the base flashing (by others) shall extend over top of curb and shall not be pierced in securing the skydome to the curb.

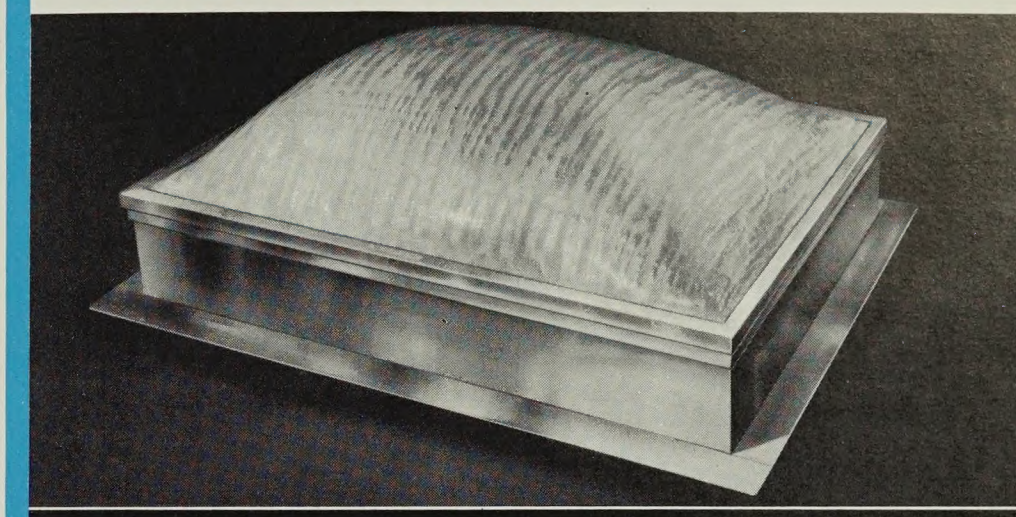
SQUARE — Dimensions in Inches

Catalog No. 1⅝" Curb	B B	Catalog No. 4" Curb	B B	D	E
S2020	14¼ x 14¼			5	⅛
S2424	19 x 19			5¼	⅛
S2828	22¼ x 22¼	S2828C	17½ x 17½	7	⅛
S3636	30¼ x 30¼	S3636C	25½ x 25½	8	3⁄16
S4242	37 x 37	S4242C	32¼ x 32¼	10	3⁄16
S5252	46¼ x 46¼	S5252C	41½ x 41½	12	3⁄16
S6060	55 x 55	S6060C	50¼ x 50¼	14	¼
S8080	75 x 75	S8080C	70¼ x 70¼	18	5⁄16
S9898	92½ x 92½	S9898C	87¾ x 87¾	22	5⁄16
	RECTANGULAR				
R2028	14¼ x 22¼			5	⅛
R2052	14¼ x 46¼			7	3⁄16
R2852	22¼ x 46¼	R2852C	17½ x 41½	7	3⁄16
R30150	24 x 144			10	¼
R3296	25½ x 89½	R3296C	20¾ x 84¾	8½	3⁄16
R3652	30¼ x 46¼	R3652C	25½ x 41½	10	3⁄16
R3676	30¼ x 69½	R3676C	25½ x 64¾	10	¼
R36150	30½ x 144	R36150C	25½ x 139¼	10	¼
R4280	37 x 75	R4280C	32¼ x 70¼	13	¼
R4364	38 x 59	R4364C	33¼ x 54¼	12	¼
R52150	46¼ x 144	R52150C	41½ x 139¼	12	¼
R6476	57½ x 69½	R6476C	52¾ x 64¾	15½	¼
R6496	57½ x 89½	R6496C	52¾ x 84¾	16	5⁄16
R99119	93¼ x 113¼	R99119C	88½ x 108	25	5⁄16

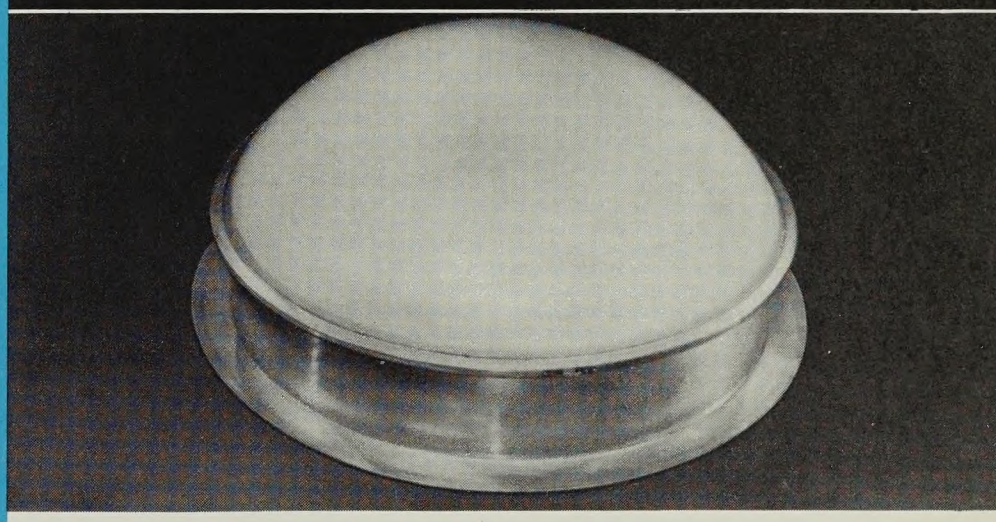
Manufacturer's detailed data sheet will be submitted for approval prior to installation.

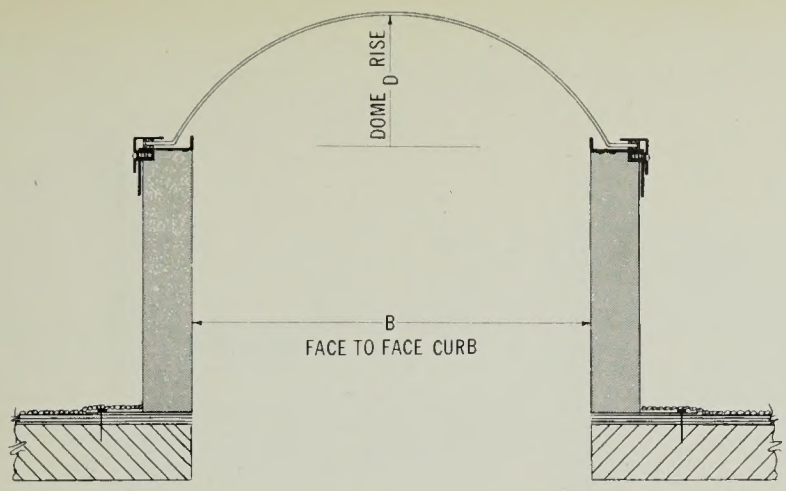
wascolite skydomes

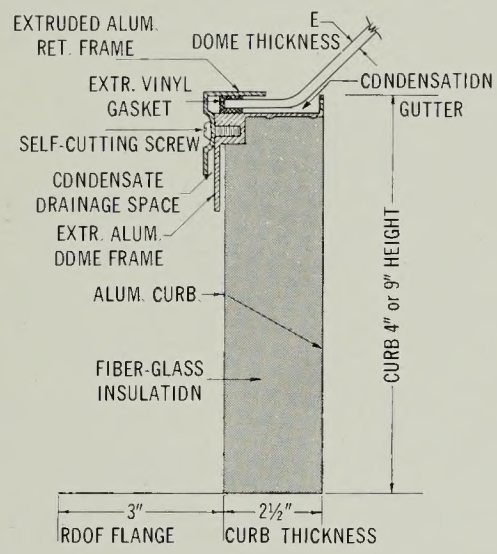
insulated curb units square, rectangular and circular

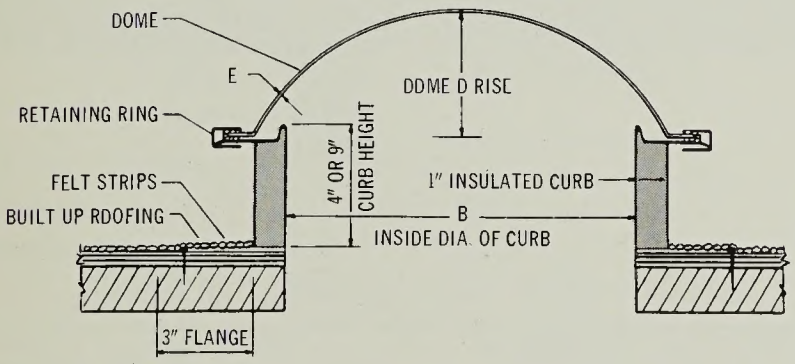


Domes for these units are available with reflective embedment (above), in white translucent (below), or clear colorless.









Dimensions in Inches

Catalog No. Sq.&Rec.	B B	D	E
A2020	14¼ x 14¼	5	⅛
A2424	19 x 19	5¼	⅛
A2828	22¼ x 22¼	7	⅛
A3636	30¼ x 30¼	8	⅛
A4242	37 x 37	10	3/16
A5252	46¼ x 46¼	12	3/16
A6060	55 x 55	14	¼
A8080	75 x 75	18	5/16
A2028	14¼ x 22¼	5	⅛
A2052	14¼ x 46¼	7	3/16
A2852	22¼ x 46¼	7	3/16
A3296	25½ x 89½	8½	¼
A3652	30¼ x 46¼	10	3/16
A3676	30¼ x 69½	10	¼
A4280	37 x 75	13	¼
S4364	38 x 59	12	¼
A6476	57½ x 69½	15½	¼
A6496	57½ x 89½	16	5/16

Catalog No. Circular	B	D	E
*C30	24	8	⅛
*C36	31	11	3/16
*C48	43	13	3/16
*C60	54	19	¼
C72	67	22	¼
C84	79	25	5/16
C96	91	29	5/16

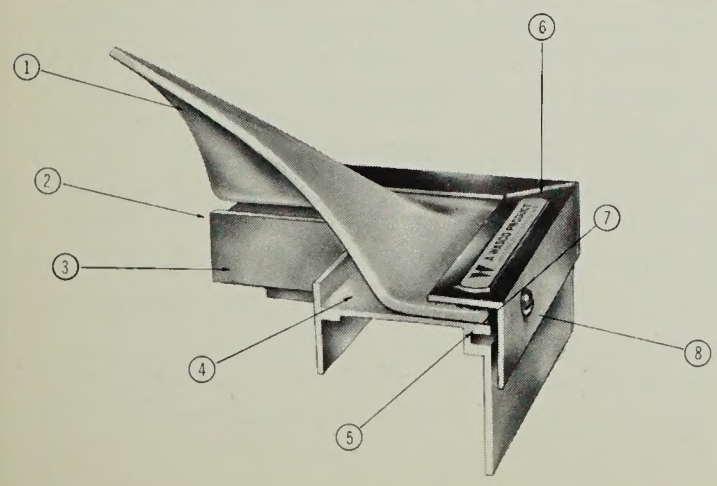
*Available in spun aluminum (C72, C84, and C96 in sheet aluminum only.)

specifications

a. Plastic skylights shall be factory fabricated units by Wasco Products each consisting of an acrylic free-formed dome of one piece and assembled in an aluminum frame. The dome and frame shall be mounted on an aluminum roof curb insulated with 1 inch of fire resistant insulation and all suitable for mounting directly on the roof opening.

b. The one piece dome shall be formed with ....* acrylic plastic.

*Fill in with either — reflective fabric embedment, clear colorless, or white translucent.



LEGEND FOR CROSS-SECTION

1. Acrylic plastic dome, shatter resistant, weather resistant, self-cleaning.
2. Rugged, extruded aluminum curb frame, flash-welded at corners for strength, watertightness and appearance.
3. Inside attachment of unit eliminates puncturing of curb flashing.
4. Integral condensation gutter with 4° slope to roof deck to insure positive drainage to the outside.
5. Weatherproof vinyl gasket cushions dome, and allows for condensation drainage.
6. Extruded aluminum retaining frame, flash-welded at corners for strength, appearance and maximum watertightness.
7. Dome floats between the retaining frame and curb frame to allow freedom for expansion and contraction.
8. Stainless steel self-tapping screw with integral weepage spacers at self-cutting screw to provide drainage to roof.

ventdome®

A combination unit — Wascolite Skydome plus built-in motor-driven air exhaust — Ventdome permits free use of interior areas for lavatories, halls, utility rooms, etc., without sacrificing lighting or ventilating requirements.

Shown with reflective fabric embedment in dome. Also available with clear colorless, or white translucent dome.

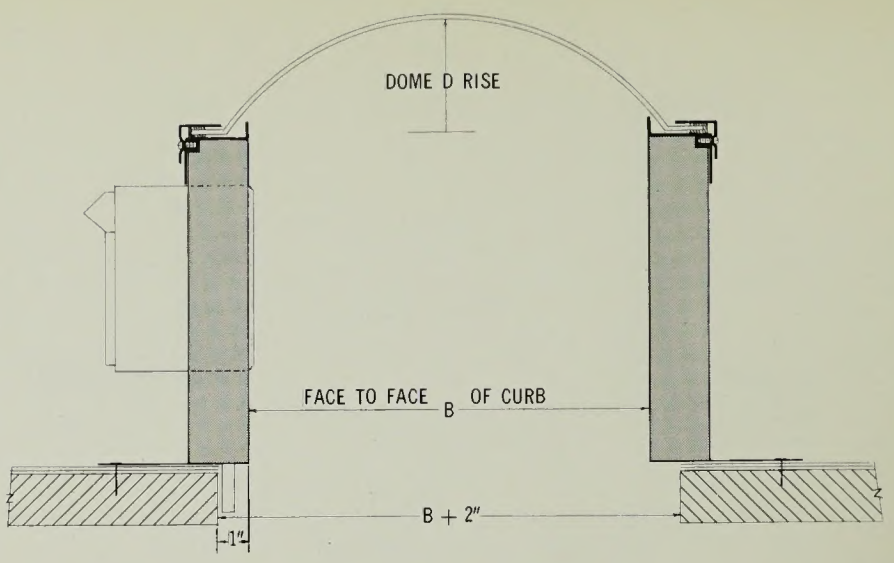
specifications

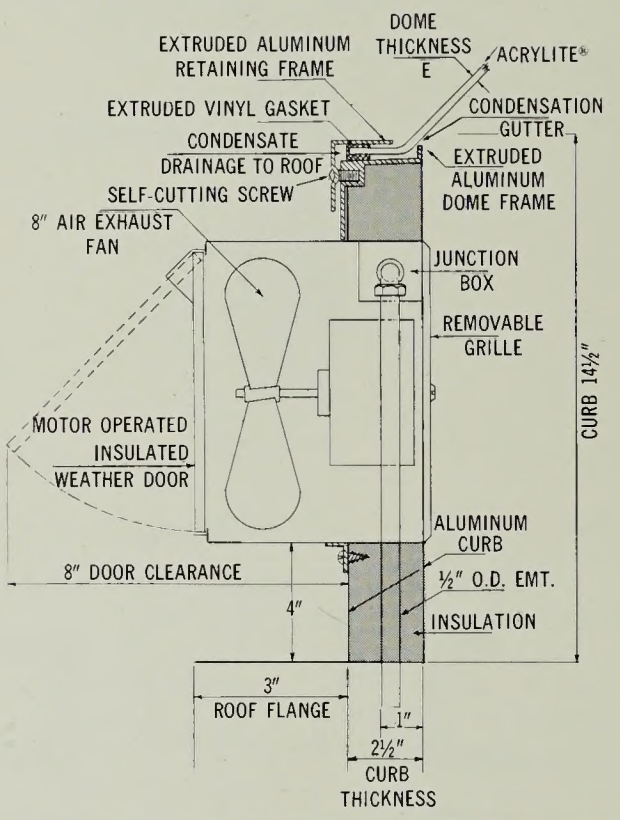
a. Plastic ventilating skylights shall be factory fabricated units by Wasco Products each consisting of an acrylic free-formed dome of one piece and assembled in an aluminum frame. The dome and frame shall be mounted on an aluminum roof curb insulated with 1 inch of fire-resistant insulation and all suitable for mounting directly on the roof opening.

b. The fan shall be mounted on the long side of the unit. Fan and motor data shall be according to the details.

c. The one piece dome shall be formed with ....* acrylic plastic.

*Fill in with either — reflective fabric embedment, clear colorless, or white translucent.





Catalog No. Heavy Duty	Catalog No. Light Duty	B B Curb Opening	D Dome Rise	E Plastic Thick.
	LV2020	14¼ x 14¼	5	⅛
HV2424	LV2424	19 x 19	5¼	⅛
HV2828	LV2828	22¼ x 22¼	7	⅛
HV3636	LV3636	30¼ x 30¼	8	3/16
HV4242	LV4242	37 x 37	10	3/16
HV5252	LV5252	46¼ x 46¼	12	3/16
HV6060	LV6060	55 x 55	14	¼
HV8080	LV8080	75 x 75	18	5/16
HV2028*	LV2028	14½ x 22¼	5	⅛
HV2052*	LV2052	14¼ x 46¼	7	3/16
HV2852	LV2852	22¼ x 46¼	7	3/16
HV3296	LV3296	25½ x 89½	8½	¼
HV3652	LV3652	30¼ x 46¼	10	3/16
HV3676	LV3676	30¼ x 69½	10	¼
HV4280	LV4280	37 x 75	13	¼
HV4364	LV4364	38 x 59	12	¼
HV6476	LV6476	57½ x 69½	15¼	¼
HV6496	LV6496	57½ x 89½	16	5/16

*Air exhaust cannot be mounted on short sides.

Dimensions in Inches

VENTILATING DATA — STANDARD					
Duty	Elect. Data	Fan Dia.	Grille Size	Fan Speed–RPM	C.F.M.
Light	110V, 60cps	8"	11¾" x 11¾"	1550	425
Heavy	110V, 60cps	12"	15⅛" x 15⅛"	1550	900
OPTIONAL — 3 SPEED WALL SWITCH					
Heavy	110V, 60cps	12"	15⅛" x 15⅛"	High 1700	900
				Med. 1400	750
				Low 1100	600

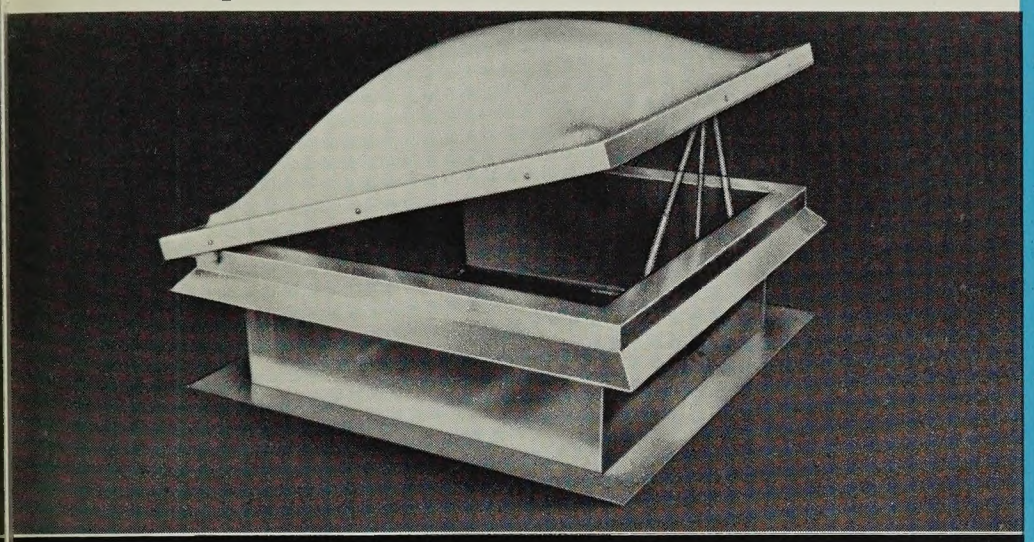
Time delay switch also available.

Manufacturer's detailed data sheet will be submitted for approval prior to installation.

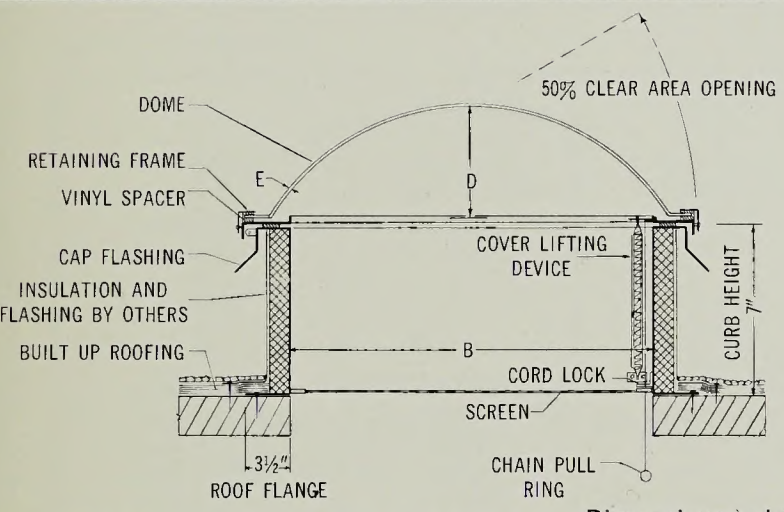
wascolite
skydomes

airdome®

Airdomes are manually opened and closed to provide natural ventilation and come equipped with removable screening.



Shown with white translucent dome. Also available in clear colorless, or with reflective fabric embedment.



Dimensions in Inches

Catalog No.	B B	D	E
AD2424	19 x 19	5¼	⅛
AD3636	30¼ x 30¼	8	⅛
AD5252	46¼ x 46¼	12	3/16
AD2028	14¼ x 22¼	5	⅛
AD2052	14¼ x 46¼	7	3/16
AD3652	30¼ x 46¼	10	3/16

Manufacturer's detailed data sheet will be submitted for approval prior to installation.

specifications

a. Combination plastic gravity ventilating skylight shall be factory assembled by Wasco Products and consist of an acrylic dome formed in one piece and assembled in an aluminum frame which shall have a manual chain-operated adjustable lifting arrangement.

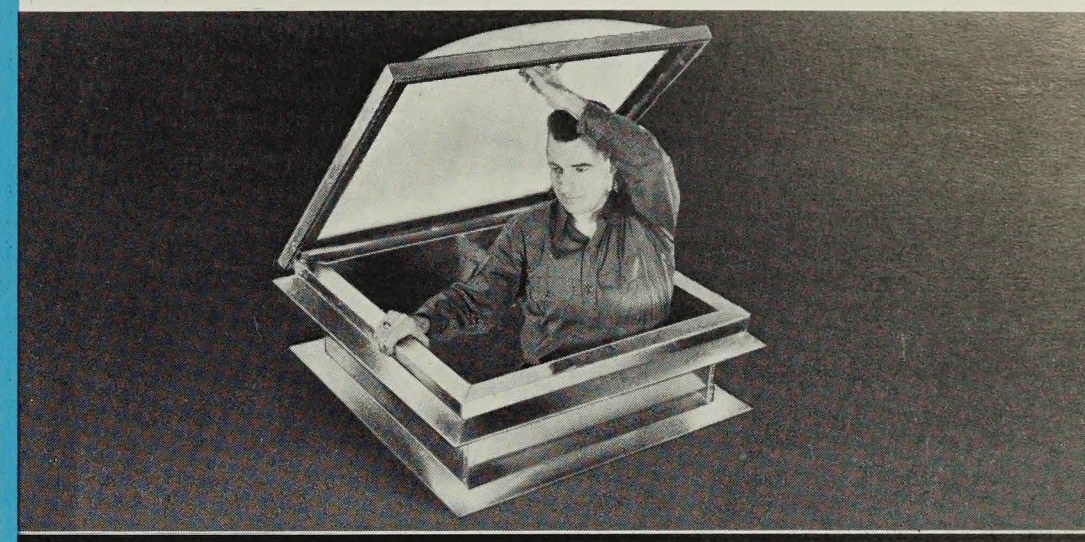
b. The cover frame shall be assembled on an aluminum curb complete with cap flashing, rubber weather gasket and roof flange for mounting directly on roof opening.

c. The one piece dome shall be formed with ....* acrylic plastic.

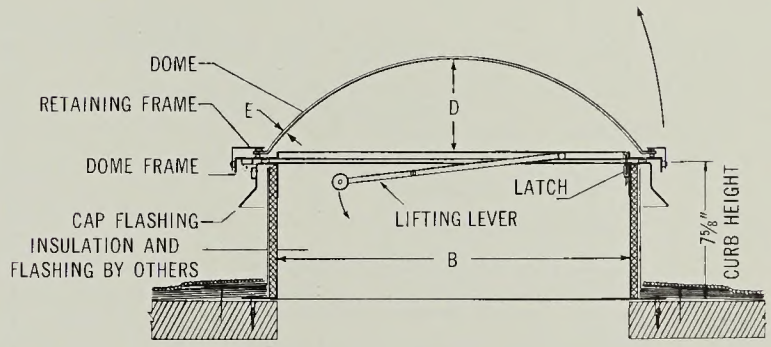
*Fill in with either — reflective fabric embedment, clear colorless, or white translucent.

hatchway®

Wascolite Hatchways combine the advantages and economies of daylighting with safe, easy access to roof areas.



Shown with white translucent dome. Also available in clear colorless, or with reflective fabric-embedment.



Dimensions in Inche.

Catalog No.	B B	D	E
WH3636	30¼ x 30¼	8	⅛
WH5252	46¼ x 46¼	12	3/16
WH3642	30¼ x 36	9	3/16
WH3652	30¼ x 46¼	10	3/16
WH3660	30¼ x 54	12	3/16

Manufacturer's detailed data sheet will be submitted for approval prior to installation.

specifications

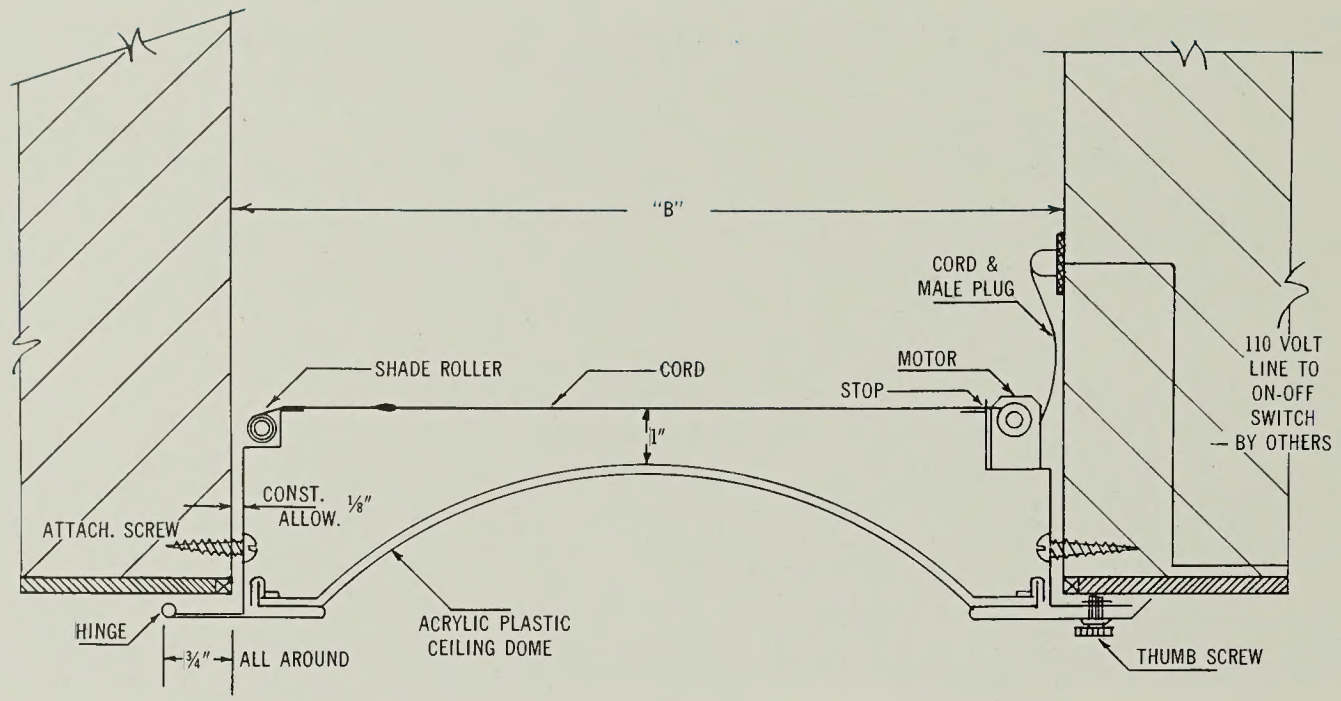
a. Combination plastic skylight and hatchway shall be a factory assembled unit by Wasco Products consisting of an acrylic dome formed in one piece and assembled in an aluminum frame which shall be released by a latch and opened by a manual lifting arm for access to the roof.

b. The cover frame shall be assembled on an aluminum curb complete with cap flashing, rubber weather gasket and roof flange for mounting directly on roof opening.

c. The one piece dome shall be formed with ....* acrylic plastic.

*Fill in either — reflective fabric embedment, clear colorless, or white translucent.

ceiling dome and light control units



Dimensions in Inches

Catalog No. To Suit Skydomes with 1⅝" Curb Thickness	"B" Inside Well Opening 1⅝" Curb	Catalog No. To Suit Skydomes with 4" Curb Thickness	"B" Inside Well Opening 4" Curb
2020	14¼ x 14¼	—	—
2424	19 x 19	—	—
2828	22¼ x 22¼	—	—
3636	30¼ x 30¼	3636C	25½ x 25½
4242	37 x 37	4242C	32¼ x 32¼
5252	46¼ x 46¼	5252C	41½ x 41½
6060	55 x 55	6060C	50¼ x 50¼
8080	75 x 75	8080C	70¼ x 70¼
2028	14¼ x 22¼	—	—
2052	14¼ x 46¼	—	—
2852	22¼ x 46¼	2852C	17½ x 41½
3296	25½ x 89½	3296C	20¾ x 84¾
3652	30¼ x 46¼	3652C	25½ x 41½
3676	30¼ x 69½	3676C	25½ x 64¾
4280	37 x 75	4280C	32¼ x 70¼
4364	38 x 59	4364C	33¼ x 54¼
6476	57½ x 69½	6476C	52¾ x 64¾
6496	57½ x 89½	6496C	52¾ x 84¾

Prefix the following letters or combinations of same plus size to get the proper catalog No. when specifying:

C — Ceiling Dome
B — Skyshade
CB — Combination Ceiling Dome and Skyshade
MB — Motorized Skyshade
CE — Plastic Louver Ceiling Unit
BL — Light Control Louver (ceiling mounted)
BLW — Light Control Louver (well mounted)
MBL — Motorized Light Control Louver

*Units may be specified separately and for manual operation.

Manufacturer's detailed data sheet will be submitted for approval prior to installation.

Specification*

a. Ceiling dome* or plastic louver ceiling unit* in combination with motorized skyshade* or motorized light control louver* shall be factory assembled components by Wasco Products consisting of the following:

b. Ceiling dome shall be acrylic, mounted in a white enameled frame, hinged so it will not fall when detached, all ready for installation in light well.

c. Plastic louver ceiling unit shall consist of a 2" cube, white eggcrate Luve-Tile® with 45° x 45° shielding angle mounted in a white enamel frame hinged so it will not fall when detached, all ready for installation in light well.

d. Motorized shade shall be lightproof, finished white both sides, reinforced with rods and mounted in white enamel steel frame ready for installation in a light well. Electric motor shall be 1 phase, 60 cycle, 115 volts a.c. with cord and male plug.

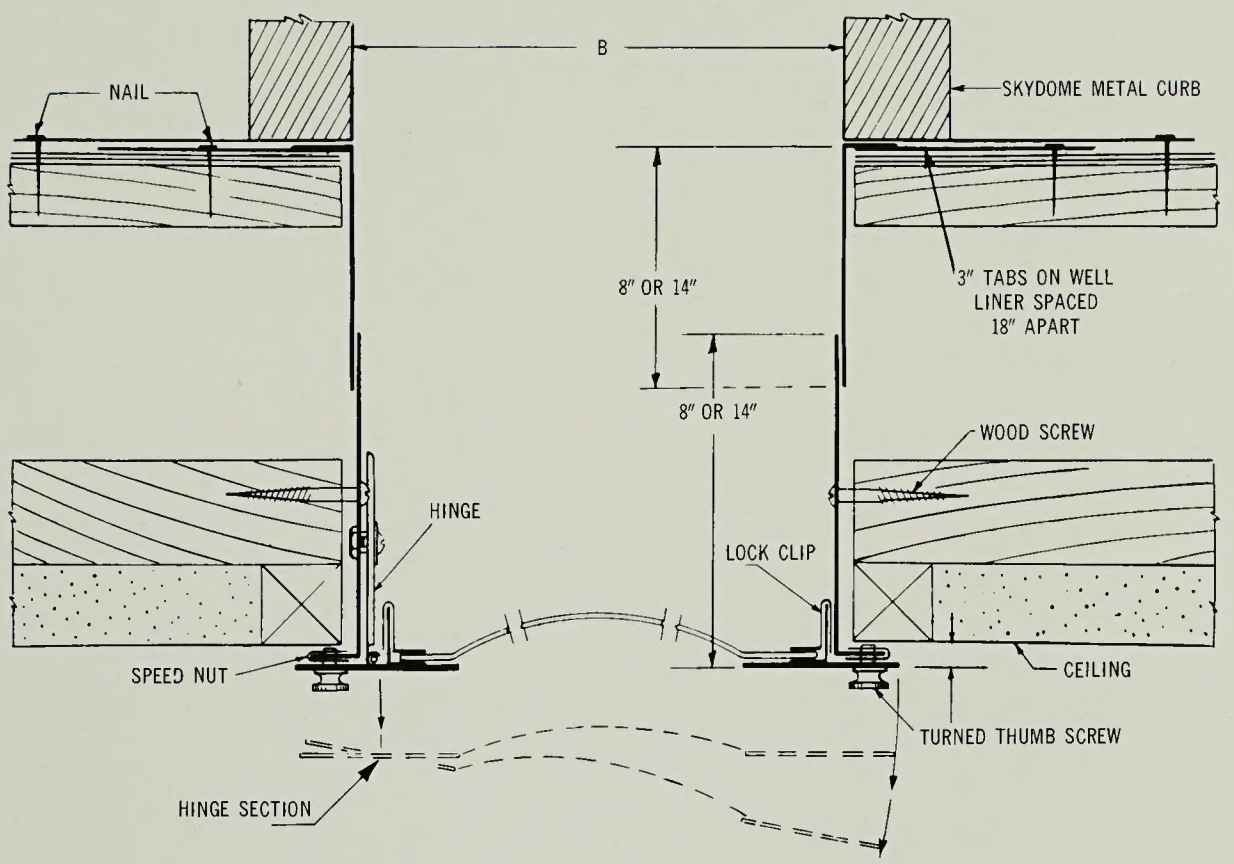
e. Motorized light control louvers and frame shall be white enameled steel (or aluminum) with 3" wide blades spaced 2½" allowing ½" overlap. Motor shall be 1 phase, 60 cycle, 115 volts a.c. complete with cord and male plug.

f. The ceiling dome shall be formed with ..... * acrylic plastic.

*Fill in either white translucent, or clear colorless.

wascolite
skydomes

circular ceiling dome and well liner



Prefix the following letters or combinations of same plus size to get the proper catalog No. when specifying:

CD — Circular Ceiling Dome

L — Circular Well Liner

CDL — Combination Circular Ceiling Dome and Well Liner

*Units may be specified separately.

Manufacturer's detailed data sheet will be submitted for approval prior to installation.

Dimensions in Inches

Catalog Number	B + ¼
30	24¼
36	31¼
48	43¼
60	54¼

Specification

a. Combination circular ceiling dome* and well liner* shall be factory assembled components by Wasco Products consisting of the following:

b. Ceiling dome shall be acrylic, mounted in a white enamel frame that is chain-hinged so it will not fall when detached, all ready for installation in a circular light well.

c. Circular well liner shall be a two-piece unit adjustable in well heights, 8" to 15" and 14" to 26". Ceiling ring shall be ⅛" x 1¼" (when ordered separately) and shall have a prime coat applied at the factory.

d. The ceiling dome shall be formed with.....* acrylic plastic.

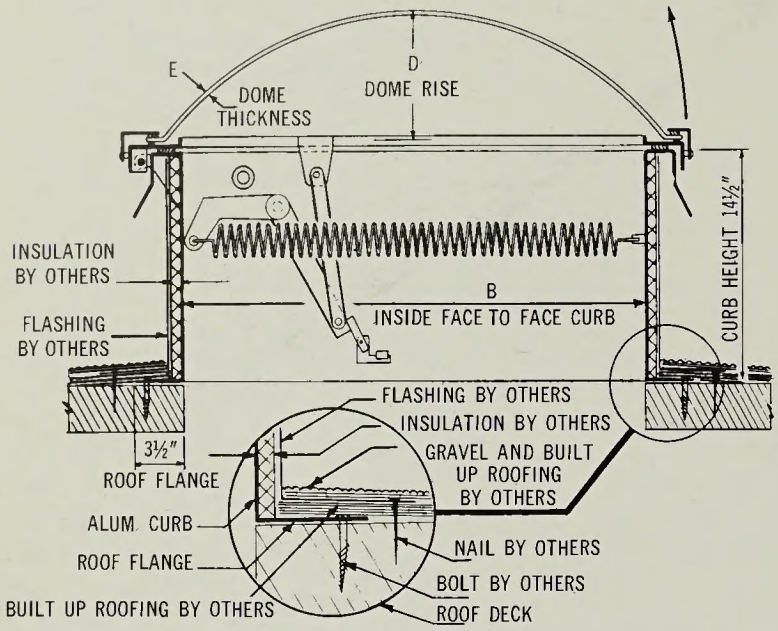
*Fill in either white translucent, or clear colorless.

fire venting and pressure relief units

pyrodomes® and pyrovents®

A fusible link, that can be designed to snap at any temperature, will open the Pyrodome or Pyrovent in case of fire and allow heat, smoke and gas to escape.

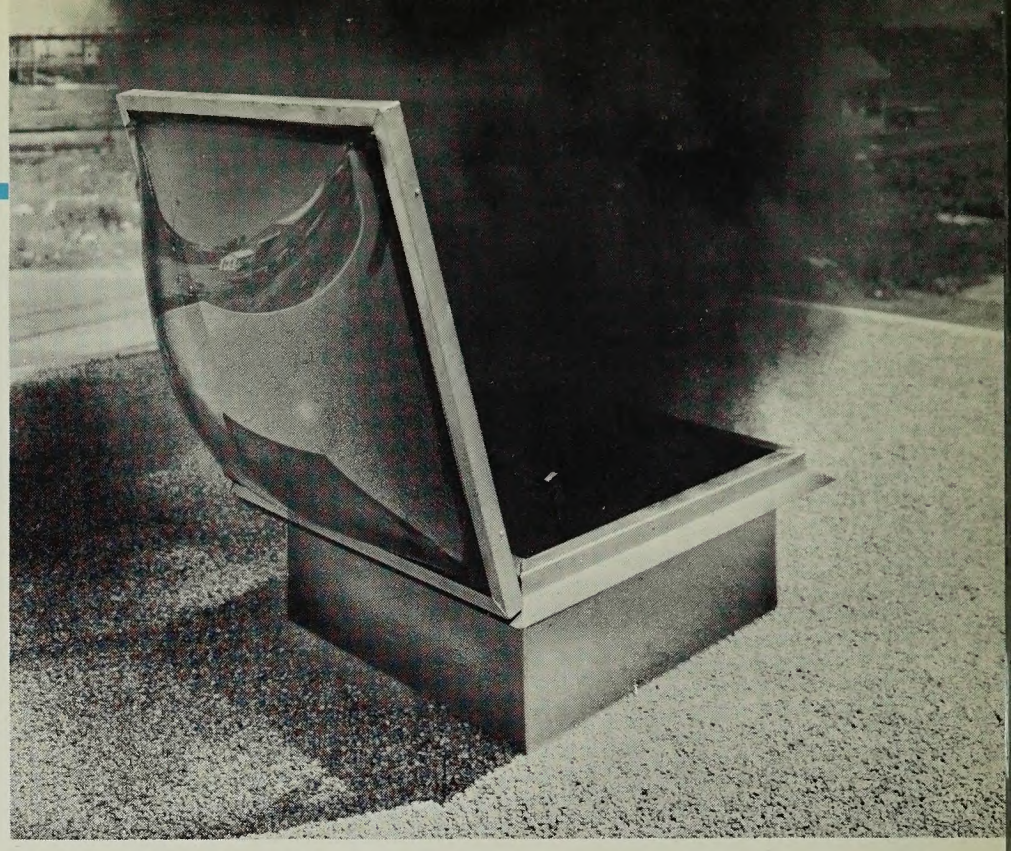
The Pyrovent is designed for fire venting in areas where overhead daylighting is not required.



Dimensions in Inches

PYROVENT Catalog No.	PYRODOME Catalog No.	B B	D	E
PY-3636	S-PY-3636	30¼" x 30¼"	8"	⅛"
PY-3652	S-PY-3652	30¼" x 46¼"	10"	3⁄16"
PY-5555	S-PY-5555	48" x 48"	13"	3⁄16"
PY-5566	S-PY-5566	48" x 60"	15"	3⁄16"
PY-5578	S-PY-5578	48" x 72"	17"	3⁄16"
PY-5596	S-PY-5596	48" x 90"	19"	¼"

Manufacturer's detailed data sheets will be submitted for approval prior to installation.



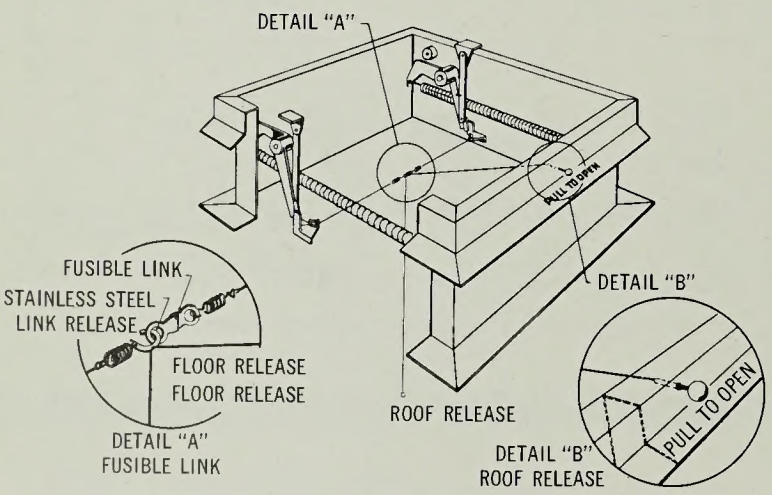
specifications

a. Automatic heat-fire ventilator shall be factory assembled by Wasco Products and consist of an acrylic dome cover (or aluminum top) with spring-lifting levers activated by one fusible link. Wind shall not be deflected in any way to cause a down draft. Activating mechanism shall be entirely within the building. Wearing surfaces shall be of non-corrodible material and lubrication shall not be required during service life of the unit. Formation of ice, sleet, snow and expansion and contraction shall not render the unit inoperable. The vent shall open to a minimum of 100° and remain open until manually closed.

b. The manufacturer shall certify that the unit design has been tested under full-scale fire conditions not less severe than the Standard Time-Temperature curve, N.F.P.A., No. 251 or ASTM-E119-50.

Note: Specifications for units fabricated of steel given upon request

special devices — Available upon request, engineered to increase the efficiency of Pyrodome and Pyrovent installations. Write for complete data.



MANUAL RELEASE — a cable pull which opens the unit from either the roof or floor. (drawing)

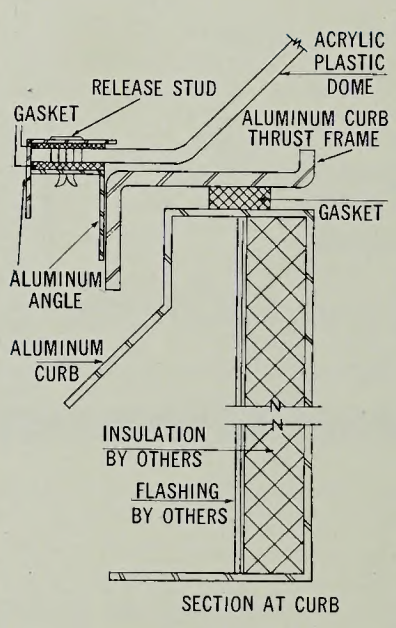
SOLENOID SAFETY RELEASE — electric solenoids can be installed to open the unit upon detection of heat, smoke or light.

AUTOMATIC SIGNAL and ALARM — an electric micro-switch can be installed to activate a signal and alarm when unit opens in case of fire.

SAFETY GRID — aluminum bars, welded to the aluminum curb, to provide 12" square openings.

pressure relief pyrodome

designed for areas where explosive conditions are present. Dome and retaining frame will "blow off" when abnormal pressures occur.



specification

Combination plastic acrylic skylight and pressure relief unit shall be factory assembled by Wasco Products. Unit shall release under internal pressures of not less than 20 lbs. per sq. ft. and not more than 30 lbs. per sq. ft. and shall be attached as shown on detail with neoprene washers, gaskets and release studs at each attachment point.

Manufacturer's detailed data sheets will be submitted for approval prior to installation. When ordering specify standard pyrodome sizes AND use catalog number "PYR".

For information on Wasco Thru-wall and Spandrel Flashings, see Architectural File: 8g/Wa

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